

“Dunnage Bags Specialists”

Specification Sheet: 120X225 PP Level 1

CONSTRUCTION:

- 1 x Polyethylene Inner Bag
- 1 x Woven Polypropylene Outer Layer
- High Flow Valve

SIZE:

- Height: 225 CM
- Width: 120 CM
- Tolerance: 3.5%

STRENGTH:

- Working pressure: 0,2 BAR or 20 KPA or 2,9 PSI
- Bursting pressure: 0,6 BAR or 60 KPA or 8,7 PSI at 20 CM void
- Safety factor: 3

**WORKING EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:**

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	20250 CM ²	4050 KGS
30 CM	16200 CM ²	3240 KGS
40 CM	9450 CM ²	1890 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	20250 CM ²	12150 KGS
30 CM	16200 CM ²	7290 KGS
40 CM	9450 CM ²	3307 KGS

The effective force depends on the size of the dunnage bag and the gap between the cargos. The table above indicates the load that the various sizes of airbags can withstand in a gap of 20, 30 and 40 CM. As an example, in gap of 20 CM a 120X225 PP Level 1 dunnage bag will burst at nominal 12150 KGS.

We are waiting for your inquiries!